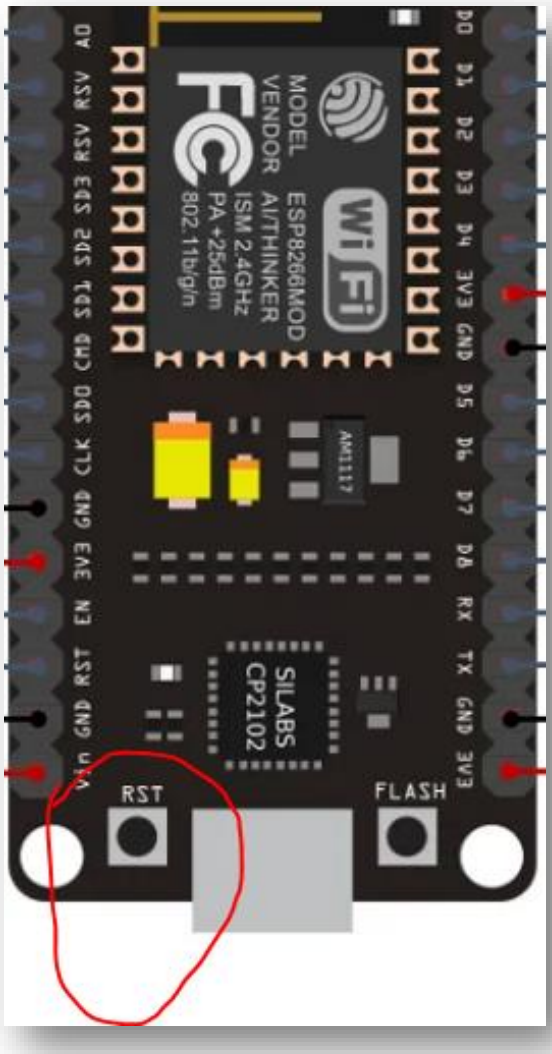
Step 2

WIFI Network Registration

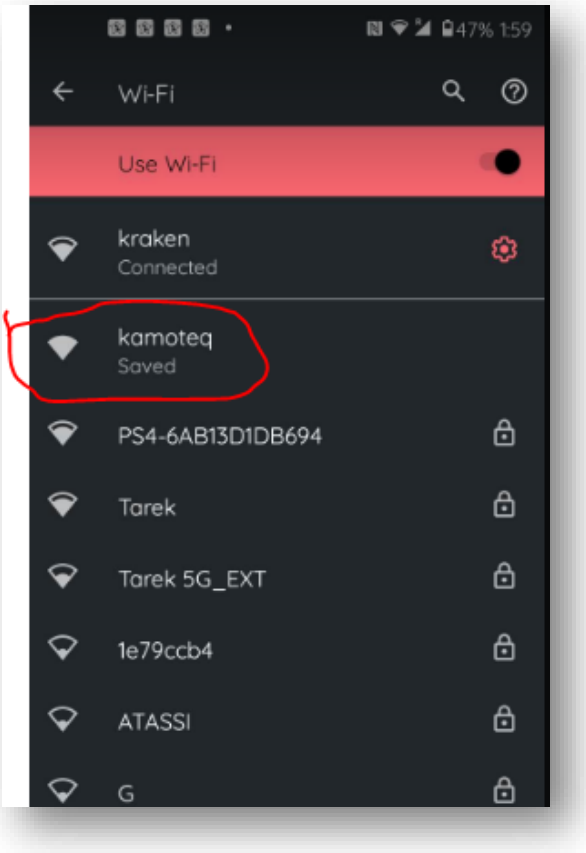
Registering the WIFI Network

1. Reset your device



2. Get your laptop or smartphone or tablet or anything that can connect to a WIFI network and has an internet browser like google chrome browser

3. Open the WIFI and find and connect to the “kamoteq” hotspot and verify that you successfully connected to the “kamoteq” network



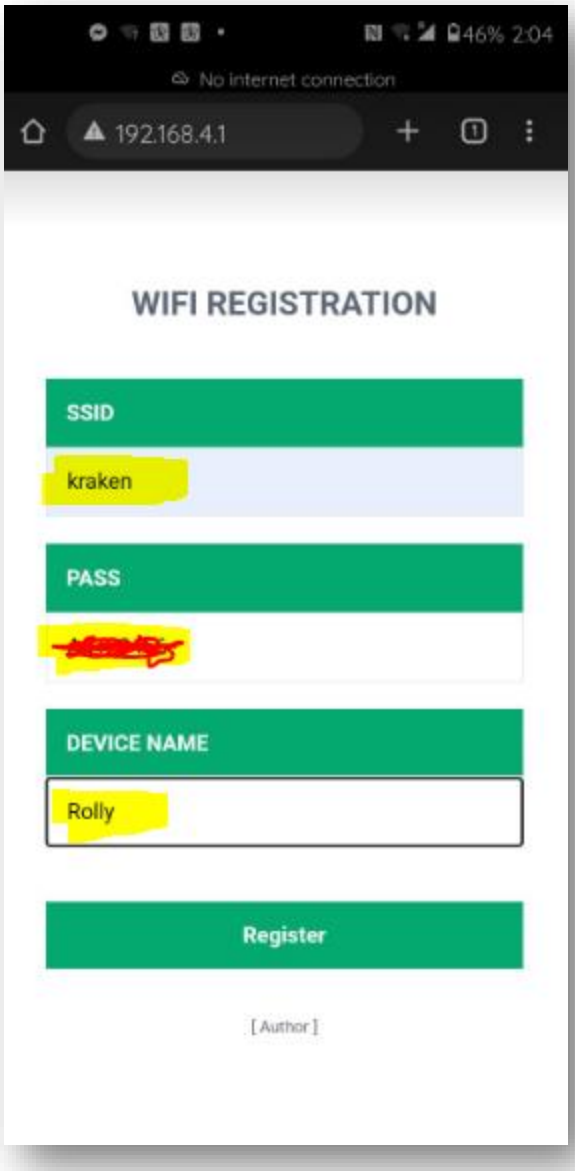
4. Open the Google Chrome browser and

enter http://192.168.4.1 and a registration page will load,

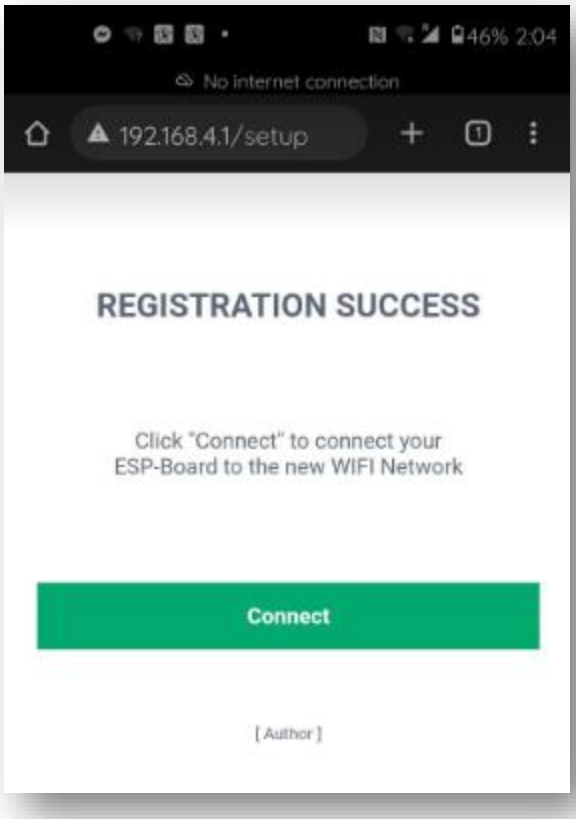
In the registration form, enter your HOME WIFI network SSID,

PASSWORD, and the new DEVICE NAME for your ESP device

Note. Please make sure the password has no extra white spaces at the end.



5. After clicking the register button, the confirmation page will load,
   and to finalize the process just click "Connect" this will reset your device
   and your device will attempt to connect to
   the HOME WIFI network you registered,
   if all credentials are correct this will connect your device without any error.



Note. After clicking Connect, it will load an error page, since this will reset the device and the page will not be available, this is normal.

6. Wait for a minute or two, this will connect your device to your home WIFI Network

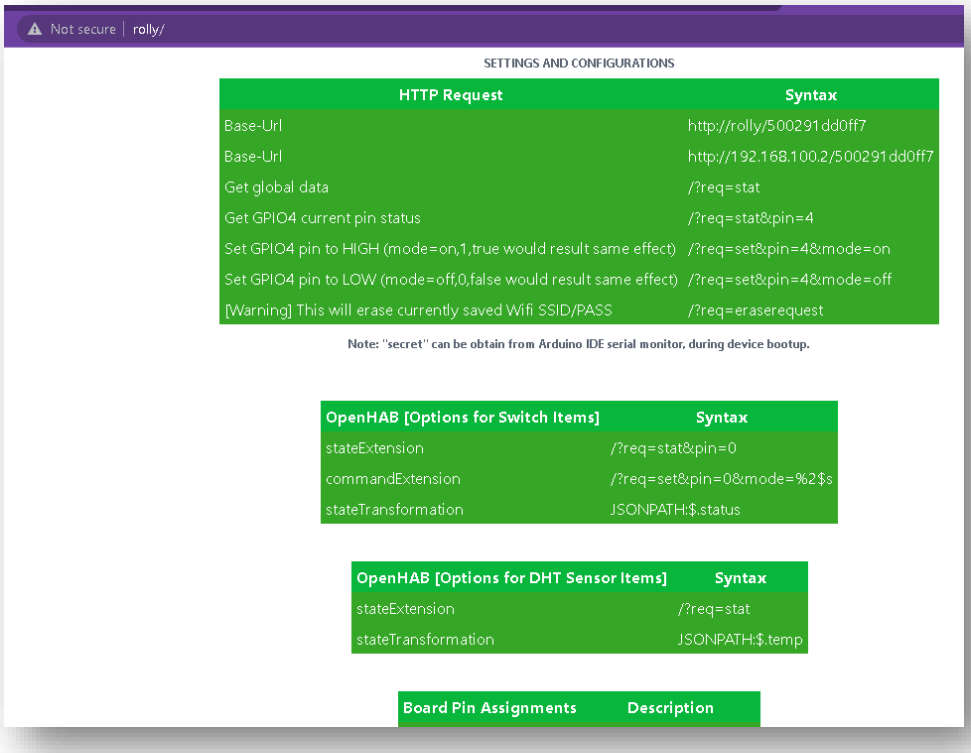
LEAVE YOUR MOBILE NOW AND GO BACK TO YOUR COMPUTER/LAPTOP

7. To test the new ESP device, open the Google Chrome browser IN YOUR COMPUTER/LAPTOP
and enter http://<device-name>/ a page will load with details on how to control the newly configured ESP device

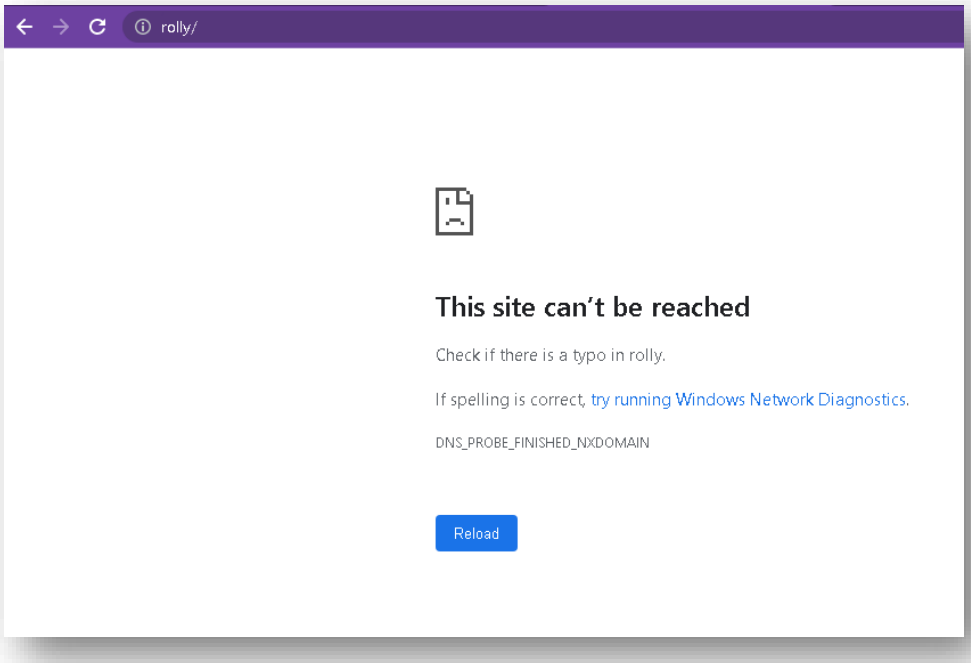
Note. make sure you replace <device-name> with

the device name you registered

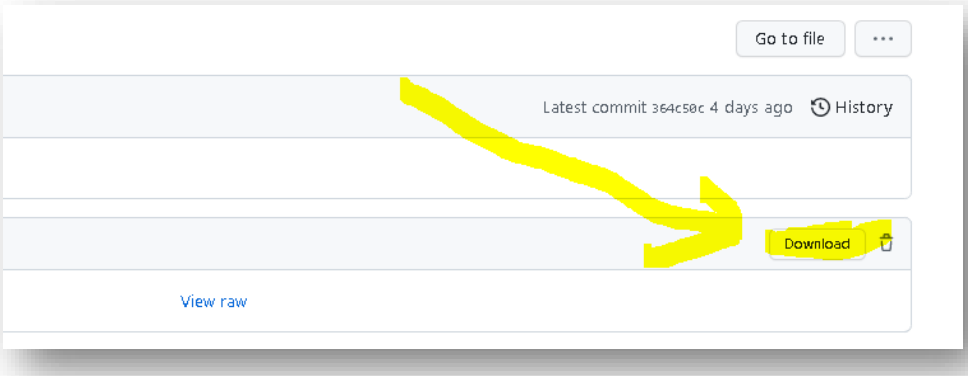
like for example I registered “rolly” so in the browser I will just type rolly/ or http://rolly/



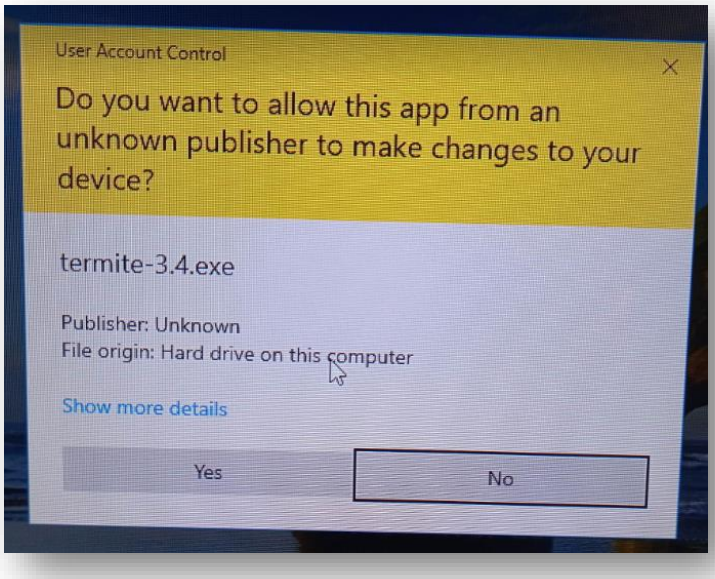
If the GREEN page above did not load using the device name and shows a similar error,

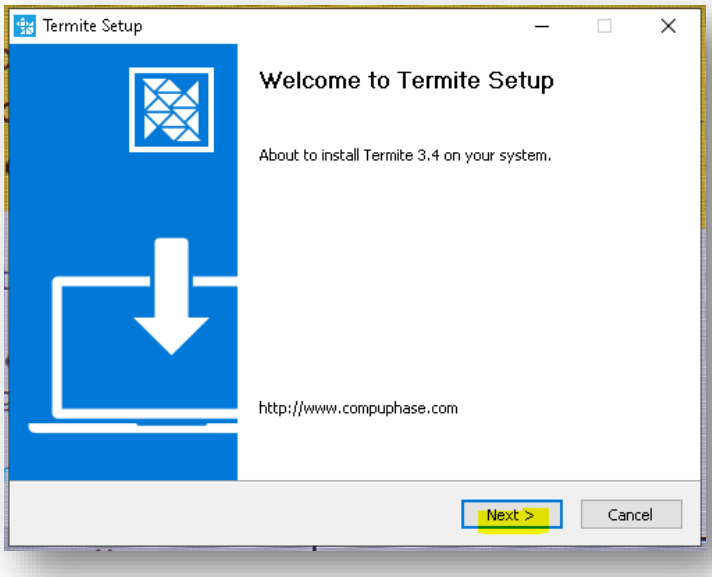


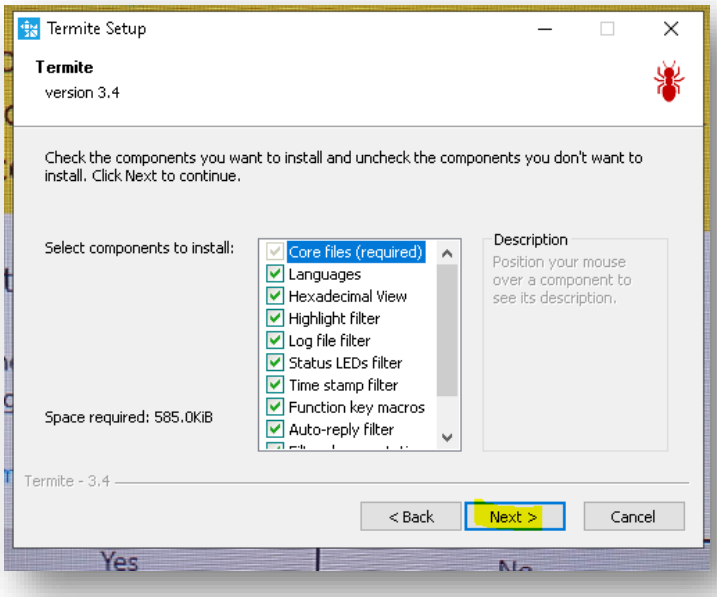
alternatively, we can use the IP Address, and to get the IP Address of the ESP device, we need a serial monitor
go ahead and download the serial monitor on the below link
https://github.com/kamoteqv2/kamoteq-repo/blob/main/termite-3.4.zip

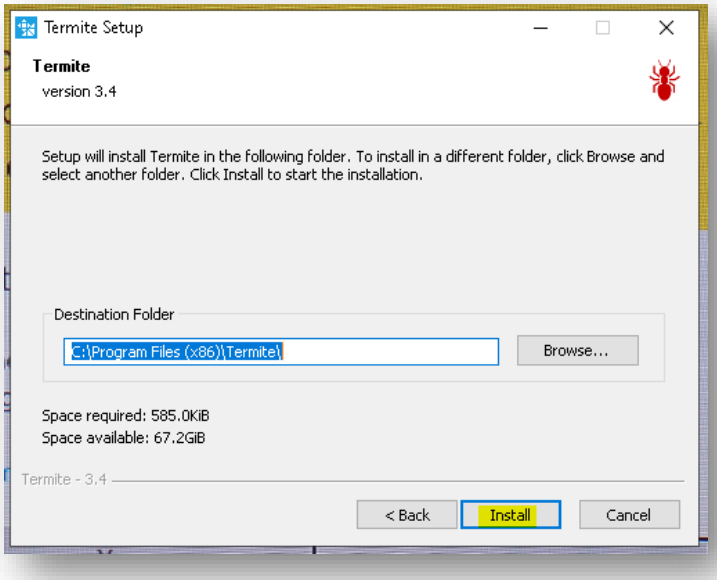


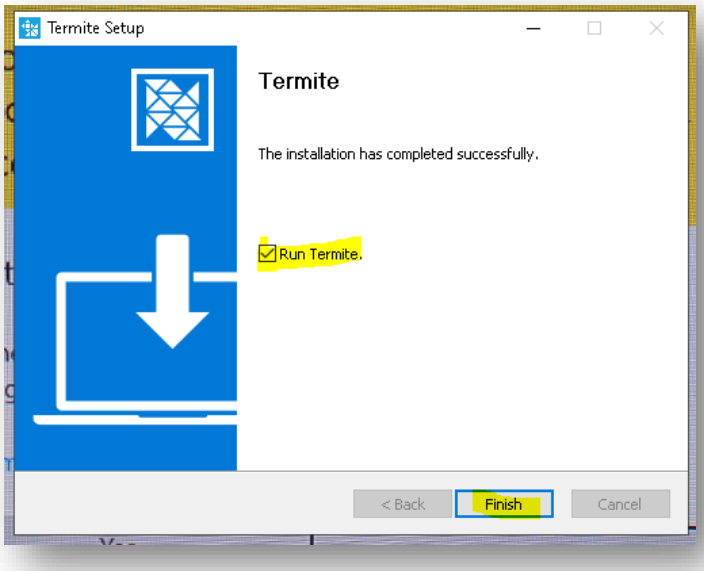
Extract and run the program
If asked to allow the app, just click Yes and start the installation
By clicking Next twice, install and finish buttons


User Account Control
Do you want to allow this app from an unknown publisher to make changes to your device?
termite-3.4.exe
Publisher: Unknown
File origin: Hard drive on this computer
Show more details
Yes
No

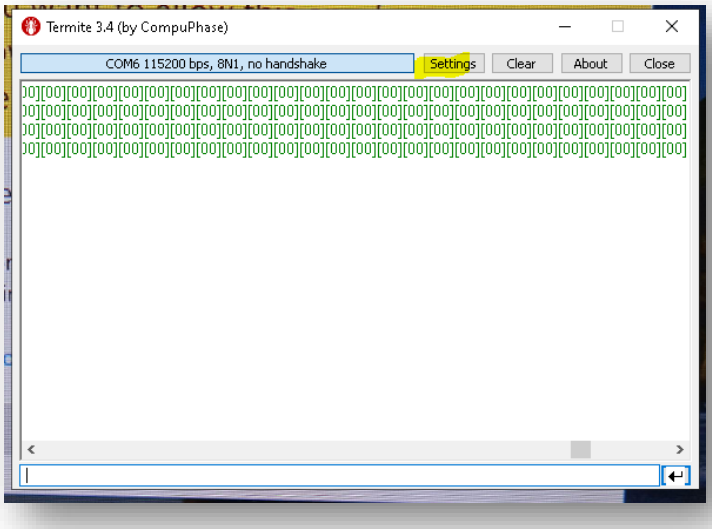

Termite Setup
Welcome to Termite Setup
About to install Termite 3.4 on your system.
http://www.compuphase.com
Next >
Cancel


Termite Setup
Termite
version 3.4
Check the components you want to install and uncheck the components you don't want to install. Click Next to continue.
Select components to install:
Core files (required)
Languages
Hexadecimal View
Highlight filter
Log file filter
Status LEDs filter
Time stamp filter
Function key macros
Auto-reply filter
Description
Position your mouse over a component to see its description.
Space required: 585.0KiB
Termite - 3.4
< Back
Next >
Cancel

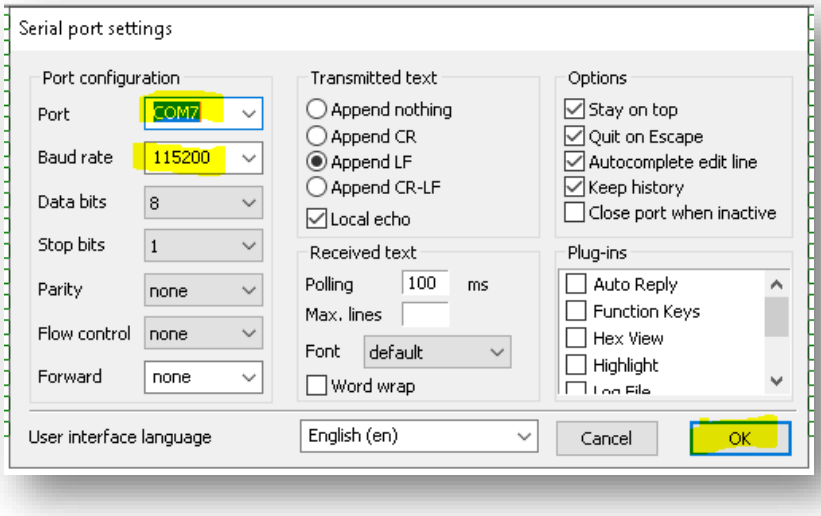

Termite Setup
Termite
version 3.4
Setup will install Termite in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files (x86)\Termite\
Browse...
Space required: 585.0KiB
Space available: 67.2GiB
Termite - 3.4
< Back
Install
Cancel



Make sure the check box “Run Termite” is checked
A terminal window will appear, click Settings

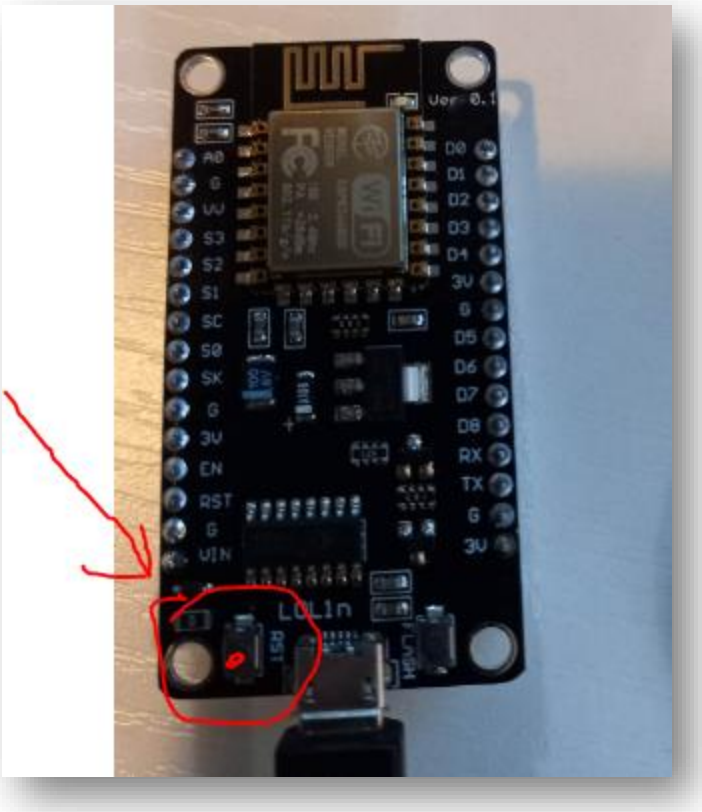


To select the Correct COM port number for
the nodeMCU device and set
the correct baud rate (should be 115200)



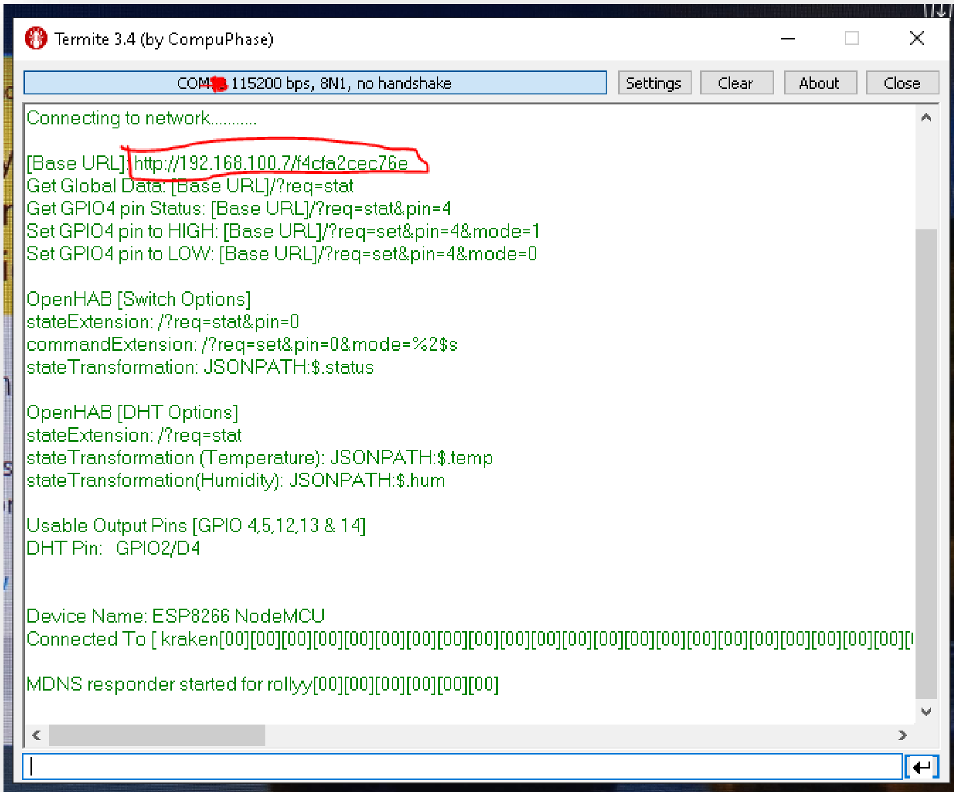
Once everything is verified correct, go ahead and click OK

You will return back to the terminal window, and while looking
At the terminal window,
Press the Reset(RST) button on the nodeMCU

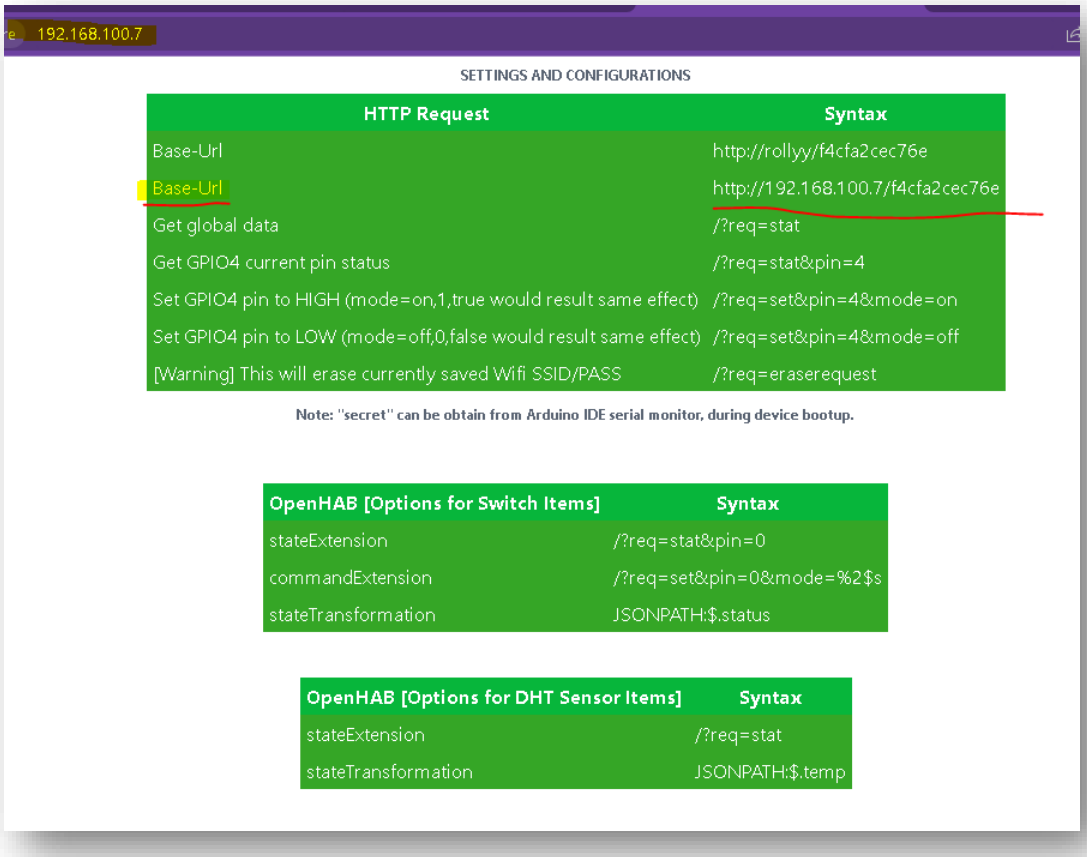


Look closedly on the Termite terminal window and look
For the IP ADDRESS

The below example got the IP address of 192.168.100.7
Note. chances are this will be different from yours, so make sure
You follow the steps above to get the correct IP.



Again test the nodeMCU by typing the IP Address you got
Into your browser and you should get similar GREEN page below



If you have the same above GREEN PAGE, then this completes the STEP 2 (WIFI Network Registration)

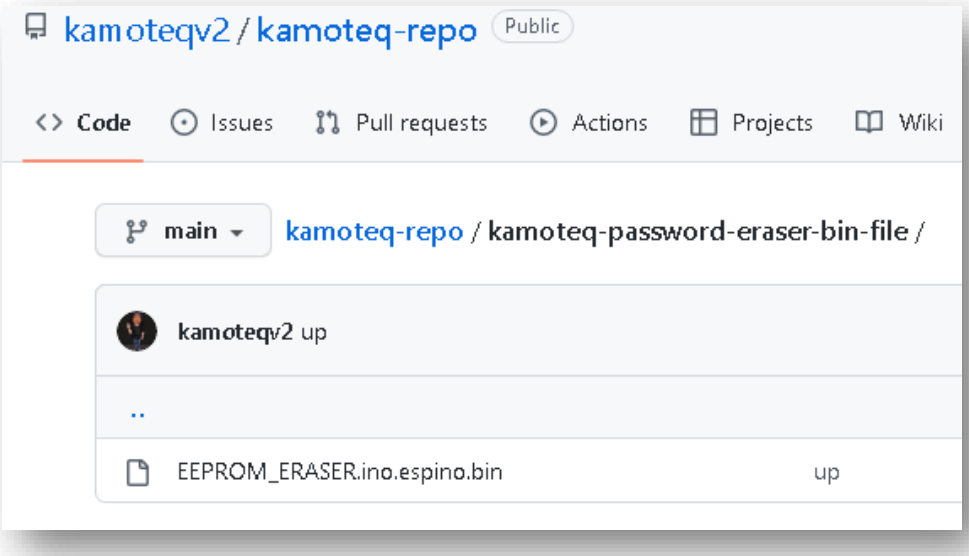
Congratulations!

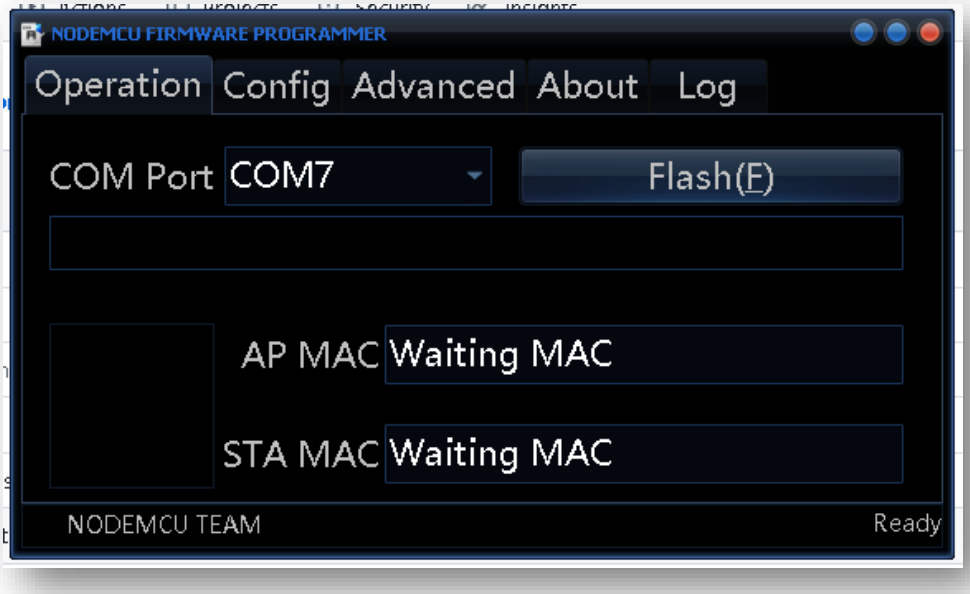
Proceed to STEP 3 (Java Installation and Configuration)

If in case you receive an error, just repeat the process,

and if you made a mistake with the password this must be erased, on GitHub, there is a special bin file to erase the password.
https://github.com/kamoteqv2/kamoteq-repo/tree/main/kamoteq-password-eraser-bin-file

use the below bin file to flash out the old password
in your ESP device using the nodeMCU flasher


kamoteqv2 / kamoteq-repo
Public
Code
Issues
Pull requests
Actions
Projects
Wiki
main
kamoteq-repo / kamoteq-password-eraser-bin-file /
kamoteqv2 up
..
EEPROM_ERASER.ino.espino.bin
up


NODEMCU FIRMWARE PROGRAMMER
Operation
Config
Advanced
About
Log
COM Port
COM7
Flash(F)
AP MAC
Waiting MAC
STA MAC
Waiting MAC
NODEMCU TEAM
Ready

End